April 22, 2020

Hi Ed,

Here are the notes from today:

- Project update from David
- Review of methods for dealing with temperature dependent source function
- Discussion of how to treat boundaries on finite volume method
In 1D:
Set constant boundaries using the node
Set flux boundaries using flux across a half volume

-We introduced how you might extend the finite volume method to 2D and choices you have to make like where to put volume edges based on the location of nodes. These choices also influence how you incorporate boundaries.

 -Then we started looking at the transient problem, and the consideration of timesteps with Ed's notes on time stepping.

Thanks,
Erich